

## **DETENTION POND MAINTENANCE**

### **1. PURPOSE**

- a. Develop standard operating procedures for maintaining detention ponds.

### **2. PROCESS**

#### **a. Schedule**

- Detention ponds are to be maintained per the Storm Water System Maintenance Plan schedule.
- Schedule the pond maintenance work for a time when dry weather is expected.

#### **b. Inspection and Cleaning**

- Do visual inspection of grates and lids to identify any cleaning or repairs needed.
- Do visual inspection on inside of structures to identify any cleaning or repairs needed.
  - 1. Look for sediment, debris, cracks, and missing or broken pieces in the walls of the structure.
- If possible, do a visual inspection of inside the storm drain pipe.
  - 1. Look for sediment, debris, cracks, sags, and missing or broken pieces in the pipe.
- Perform a video inspection as necessary to identify any cleaning or repairs needed.
- Remove sediment and trash from grates, placing in a truck for disposal.
- Provide outlet protection where feasible to minimize the amount of debris that might leave the pond during cleaning process.
- Grub and remove debris with backhoe as needed.
- Finish cleaning structure and pond bottom as necessary by sweeping and shoveling.
- Put all material removed from the pond into a dump truck.
- After cleaning pond, clean off the concrete pads using dry methods (sweeping and shoveling) as needed.
- Some structures and pipe may require use of a vacuum truck. If so, follow the procedures of the Cleaning Process of SOP – Storm Drain Structure Maintenance and SOP – Storm Drain Pipe Maintenance.

c. Repair

- Any needed repairs are to be documented and completed per the Storm Water System Maintenance Plan.

3. CLEAN-UP

- a. Make sure pond concrete pads are swept up and clean.
- b. Solids are to be disposed of in a landfill.

4. DOCUMENTATION

- a. Document detention pond maintenance in Cityworks database with work orders for inspection, cleaning, and repair.